

If you would like more information  
about the Lincoln Fire Department  
activities or programs write to:

Lincoln Fire Department  
1801 "Q" Street  
Lincoln, NE 68508

or

Visit our Web Site at:

<http://interlinc.ci.lincoln.ne.us/interlinc/city/fire/index.htm>

or

e-mail us at:

[fire@ci.lincoln.ne.us](mailto:fire@ci.lincoln.ne.us)



#### CREDITS:

Lincoln Fire Department Employees

Editor: John Huff

Copy Editor: Shelly Manning

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# City Of Lincoln Statistics

Population: 209,192

Government: Mayor-Council

Land Area: 69.73 Square Miles

City Budget: \$889,213.02

Parks: 5,062 Acres

Roadways: 850 Miles

Fire Hydrants: 7,334

## City of Lincoln Vision

We are a team dedicated to continuously improving the services we provide to customers.

## Mission

We value community resources and pledge to use them wisely and efficiently.

We appreciate and welcome ideas.

We work in partnership with the community and with each other.

We strive to balance competing interests to insure win-win outcomes.

We take pride in the services we deliver.

We value and respect the citizens and employees of Lincoln.

We work with integrity to make Lincoln better.

## **GOALS of the Lincoln Fire Department**

1. Control of risk to lives, property, and the community
2. Provision of basic and advanced life support emergency medical services
3. Public awareness of fire prevention and safety
4. Reduction of fire losses
5. Provision of efficient services at the minimum cost
6. To seek compliance of modern fire codes
7. Elimination of service overlaps between departments and agencies
8. Establishment of total quality management practices, allowing the greatest input, leadership, and effectiveness to accomplish all other goals
9. Provision of modern information management systems
10. Collection, retention, and analysis of information necessary to accomplish the established goals
11. Advanced planning and coordination of services

# **1997 LINCOLN FIRE DEPARTMENT ANNUAL REPORT**

## **TABLE OF CONTENTS**

	Page
Chapter 1 <b>Administration</b>	<b>1</b>
Administrative Services	
Personnel Management	
Management Policies	
Urban Search and Rescue Network	
Master Plan Fire Protection	
Fire Department Museum	
Recruitment of Firefighters	
Chapter 2 <b>Department Personnel</b>	<b>4</b>
Administrative Organizational Chart	
Operations Center Organizational Chart	
Award Recipients	
Chapter 3 <b>Emergency Services</b>	<b>11</b>
Fire Suppression	
Emergency Medical Response	
Media Alert Program	
Hazardous Material Team	
Aircraft Rescue Firefighting	
Dive Rescue Team	
Chapter 4 <b>Emergency Medical Services</b>	<b>14</b>
Emergency Medical Activities	
Special Activities	
Chapter 5 <b>1997 - Year in Review</b>	<b>16</b>
Chapter 6 <b>Fire Inspection Programs</b>	<b>18</b>
Business Inspections	
Apartment Inspections	
Information For Tactical Operations	
Hazardous Material Inspections	

Chapter 7	<b>Training Division</b> Division Responsibilities Continuous Education Program Training Program Exchange	<b>20</b>
Chapter 8	<b>Maintenance Division</b> Duties Vehicle Fleet	<b>22</b>
Chapter 9	<b>Community Fire Education</b> Operations Center Annual Events Sesame Street Day Fire Department Day at the Zoo Poster Contest 1997 Fire Prevention Week Learn Not To Burn Program Learn Not To Burn Day Smoke Detector Program Project L.I.F.E. Firefighter For A Day/Media Day Lincoln Children's Museum Neighborhood Watch Programs Fire Hawk Program Clown Program Childrens Fire Safety House Fingertips Change Your Clock/Change Your Battery Speakers Bureau LFD Hospital Halloween <b>Exceptional Programs</b> "Go Right for Sirens & Lights" Program "P.O.P." - Pull Over Please" Program "Family Fire Safety Festival"	<b>24</b>
Chapter 10	<b>Fire Loss Comparison</b> Comprehensive City Surveys	<b>30</b>
Chapter 11	<b>Lincoln Fire Department - Past - Present - Future</b> Statistical Information	<b>31</b>

# Administrative Division

The Administrative Division coordinates support services for all Divisions of the Fire Department through the Deputy Chief of Administration, five staff personnel, and Community Volunteers. Daily operations require providing administrative services, human resource management, physical resource management and developing and maintaining operating policies.

## **ADMINISTRATIVE SERVICES**

Services include general correspondence with local, state, and national organizations; completing department operational reports to the State Fire Marshal, and clerical record keeping of financial expenditures to meet the fiscal budget goals.

The Systems Analyst provides computer support for present computer programs and equipment, and develops new computer programs for handling fire department information records.

Employees now review the management policies, committee minutes, and other communications on the mainframe terminals throughout the department. Paper copies have been eliminated. The results are a reduction in paper waste, a cost savings and the assurance that everyone has access to current information.

Nine committees are coordinated by the Administrative Chief including Research and Development of new policies and new equipment, Radio Communication, Business Inspections, Employee Assistance Program, Records Management, Cameo II computer for Hazardous Materials, Urban Search and Rescue, Civilian Recognition, the Volunteer Program, and part time student interns. The Hazmat coordinator also reports to the Administrative Chief.

Administrative personnel provide additional support to 40 committees and programs for fiscal management, information gathering, and clerical/typing of written records and committee minutes.

## **PERSONNEL MANAGEMENT**

Files of 265 personnel are maintained including payroll, leave records, promotions, transfers, retirements, special schools and training opportunities attended.

Recruitment, interview, and hiring of new employees requires year round planning to establish selection criteria, written testing, physical ability testing, and hiring of qualified applicants. Selecting new employees is coordinated with the City Personnel Department.

Personnel must be certified for promotion to Fire Captain and Fire Apparatus Operator (FAO). Certification for Fire Captain requires completion of Fire Officer I and II classes and Fire Service Instructor.

## **MANAGEMENT POLICIES**

Updating and revising Management Policies is a continuous process of reviewing policies, gathering new information, rewriting, and approval by the Deputy Chiefs and final approval by the Fire Chief. Policies are divided into sections for Administration, Personnel Management, Computer Systems, Inspections, Management of Physical Resources, Emergency Operations, Health & Safety, and Training. These policies are now accessed on-line via computer terminals located in all fire stations.

## **URBAN SEARCH AND RESCUE NETWORK**

The Federal Emergency Management Agency has developed an Urban Search and Rescue Network for the United States. This network consists of 27 task forces available to respond nationwide in the event of a Presidential disaster declaration. A task force consists of trained, equipped, and organized personnel capable of conducting Urban Search and Rescue. The task forces have been designed to include search, rescue, medical and technical elements to provide an integrated, self-contained approach to locating, extricating and treating victims.

Under the Federal Emergency Management Agency, Lincoln Firefighters are involved in training for the Urban Search and Rescue Network. The operational concept for activation of these task forces will be predicated on a request from the President of the United States. Within six hours of activation, task forces will assemble for airlift to the disaster scene with activation not to exceed ten days.



## **MASTER PLAN FIRE PROTECTION**

The Master Plan Committee updates and revises the Department's short and long term goals. Included is the continuing evaluation of the community's fire problems and the Lincoln Fire Department's changing role in protecting, training, and educating Lincoln citizens in fire safety and reducing fire hazards. Research continues on the city's growth. Fire stations should be located to provide a 3 to 4 minute response time to all areas.

One Master Plan goal for the construction of Fire Station 14 in the Highlands was completed in 1997, the new facility was occupied in March. Haz/Mat 14 and Air 14 were relocated to this facility and one additional engine company (Engine 14) was added to the fire department.



## **FIRE DEPARTMENT MUSEUM**

The Fire Department Museum opened in 1982 and features a 1911 American LaFrance fire engine, the first motorized piece of equipment purchased by the City of Lincoln and still operational. Around the walls are displays of historical firefighting equipment used in Lincoln, and photographs which record events and personnel in the history of the Lincoln Fire Department.

The museum coordinators catalog and display many of its hundreds of old pictures and assortment of equipment. Retired firefighters have helped identify people and old equipment being used in the pictures. Without the museum a lot of valuable history would be lost.

## **RECRUITMENT OF FIREFIGHTERS**

The Recruitment Committee maintains a Calendar of Events for career opportunities, open houses at high schools, community colleges, universities, and community groups. Organizations assisting people in career placement is advised of available Fire Department speakers. Firefighting as a career choice requires learning a wide variety of skills to provide effective firefighting, rescue, emergency medical services, fire prevention and public safety programs.

The Y.W.C.A. and the Fire Department jointly provide a program of physical and academic preparation for firefighter applicants. The program is open to all applicants with the Y.W.C.A. providing the classroom training and the Fire Department supervising use of the Fire Department Training Center for physical ability training.

**CHIEF****Michael Merwick**

**Terry Biggerstaff**  
**Sandy Yost**  
**Donna Gustafson**  
**Shelly Manning**  
**Kim Kabourek**

**OFFICE STAFF**

Administrative Officer  
 Administrative Secretary  
 Systems Coordinator  
 Office Assistant III  
 Operations Clerk

**ADDITIONAL PERSONNEL**

**Kim McKay** Drill Master  
**James Banister** Fire Equipment Mechanic  
**Gary Butcher** Fire Equipment Mechanic

**DEPUTY CHIEFS****John Huff**

- John currently serves as Deputy Chief for Administrative Services with Lincoln Fire Department. His 24 year career with the department began as a firefighter. John has served as a company officer on both engine and truck apparatus and deputy chief in emergency services. In his current capacity as chief of administration, he is responsible for the administrative functions of the department including personnel issues, payroll, budget records, the Haz/Mat program, facilities construction and renovation, and special projects.
- As coordinator for special projects, John is Project Manager for the Lincoln Fire Department's FEMA Urban Search and Rescue Task Force. As task force team leader, John manages the development of the task force. John is currently chairperson of the Fire Protection Advisory Committee at Southeast Community College.
- John is a graduate of the Southeast Community College Fire Protection Program, the National Fire Academy - Executive Fire Officer Program and holds a BA in Public Administration from Doane College.
- John has contributed to both local and national publications which include Fire Command and Fire Chief magazine.

**Jerry Malek**

- Jerry currently serves as Deputy Chief of Maintenance with Lincoln Fire Department. His 35 year career with the department began as a firefighter, and has served as an FAO, and Fire Equipment Mechanic.
- In his current capacity as Chief of Maintenance, he is responsible for repair and preventive maintenance of the entire vehicle & equipment fleet. He also directs the development of specifications for apparatus & equipment purchases. Jerry assisted in the development of the departments defensive driving and fire apparatus certification programs. He has served on the Police and Fire Pension Committee.
- Jerry is a graduate of the Southeast Community College Fire Protection Program. He holds numerous professional certifications.

**Jerry Greenfield**

- Jerry currently serves as Deputy Chief in Emergency

**Bill Madison**

- Bill currently serves as Deputy Chief for Emergency Medical Services with Lincoln Fire Department. Bill was selected from a nation wide search to become Lincoln's first Chief of EMS in 1994. Bill has been involved in providing EMS care for over 35 years. Bill left a position as Deputy Director for the International Association of Fire Chiefs to become Deputy Chief of EMS. In his current capacity he is responsible for the oversight and training for all EMS related topics. He is also responsible for EMS Quality service. Bill is responsible for the successful implementation of the Paramedic Engine program.
- After earning his bachelors degree from Kansas State, he enlisted in the Navy, and completed tours in Viet Nam and the Pacific. Bill completed paramedic training at Eastern Virginia Medical school in 1979. He was an adjunct facility instructor at the George Washington University Medical School in Washington.
- Bill currently serves on the State of Nebraska EMS Task Force, the Children Injury Prevention Task Force and the Nebraska State Data Collection Task Force.

**Danny Wright**

- Danny currently serves as Deputy Chief of Training. His 21 year career with the department began as a firefighter. Danny has served as a Fire Apparatus Operator, and company officer on both engine and truck apparatus. As a Fire Captain he was assigned as a member of the Hazardous Materials Team. In his current capacity as chief of training, he is responsible for the development and delivery of training curriculum for all fire and emergency skills for all department personnel. Danny has been a Fire Service instructor for more than 25 years teaching for the Nebraska Fire Service and the State Fire Marshals office and the Nebraska Emergency Management Agency through out the state and the Midwest.
- Danny is a graduate of the Southeast Community College Fire Protection Program, and is currently participating in the National Fire Academy - Executive Fire Officer Program.
- Danny serves as a Task Force Leader for the FEMA Urban Search and Rescue Team. Danny serves as the department representative for the Lancaster Mutual Aid Association, and the Federal Region VII Training Resource and Data Exchange (TRADE) organization.

**Arnold Hart**

- Arnie currently serves as Deputy Chief in Emergency

Services with Lincoln Fire Department. His 39 year career with the department began as a firefighter. Jerry has served as a company officer on both engine and truck apparatus. In his current capacity he is one of six duty shift Deputy Chiefs. He is responsible for the management of 7 fire stations and approximately half of the 80 on duty personnel on the 24 hour duty shift.

- As a deputy chief Jerry has oversight responsibility for numerous fire department committees. Jerry serves as a Task Force Leader for the FEMA Urban Search and Rescue Team.
- Jerry is a graduate of the Southeast Community College Fire Protection Program. He has attended the National Fire Academy - Executive Fire Officer Program and he has attended OSHA Safety Officer classes.

#### **Ron Kennett**

- Ron currently serves as Deputy Chief in Emergency Services with Lincoln Fire Department. His 34 year career with the department began as a firefighter. Ron has served as a fire apparatus operator and company officer on engine apparatus. In his current capacity he is one of six duty shift Deputy Chiefs. He is responsible for the management of 7 fire stations and approximately half of the 80 on duty personnel on the 24 hour duty shift.
- As a deputy chief Ron has oversight responsibility for numerous fire department committees. Ron serves as a Task Force Leader for the FEMA Urban Search and Rescue Team.
- Ron joined the Navy in 1959 and trained in underwater demolition. He was involved with the FIRST Navy seal team, assigned to Seal Team One, which served in Vietnam in 1962. He is a graduate of the Southeast Community College Fire Protection Program. He has attended courses at the National Fire Academy, and Hazardous Materials Training at Texas A&M University.

#### **Richard Furasek**

- Rich currently serves as Deputy Chief in Emergency Services with Lincoln Fire Department. His 19 year career with the department began as a firefighter. Rich has served as a fire apparatus operator and company officer on engine apparatus. In his current capacity he is one of six duty shift Deputy Chiefs. He is responsible for the management of 7 fire stations and approximately half of the 80 on duty personnel on the 24 hour duty shift.
- As a deputy chief Rich has oversight responsibility for numerous fire department committees.
- Rich is a graduate of the Southeast Community College Fire Protection Program, is participating in the National Fire Academy - Executive Fire Officer Program and holds a B.S. in Education.

Services with Lincoln Fire Department. His 31 year career with the department began as a firefighter. Arnie has served as a fire apparatus operator and company officer on engine apparatus. In his current capacity he is one of six duty shift Deputy Chiefs. He is responsible for the management of 7 fire stations and approximately half of the 80 on duty personnel on the 24 hour duty shift.

- As a deputy chief Arnie has oversight responsibility for numerous fire department committees. Arnie serves as a Search Team Manager the FEMA Urban Search and Rescue Team.
- Arnie joined the Navy in 1962 and served in Europe and the Cuba Missile Crisis in 1964. He is a graduate of the Southeast Community College Fire Protection Program. He has attended the National Fire Academy - Executive Fire Officer Program.

#### **Dean Staberg**

- Dean currently serves as Deputy Chief in Emergency Services with Lincoln Fire Department. His 24 year career with the department began as a firefighter. Dean has served as a company officer on both engine and truck apparatus. In his current capacity he is one of six duty shift Deputy Chiefs. He is responsible for the management of 7 fire stations and approximately half of the 80 on duty personnel on the 24 hour duty shift.
- As a deputy chief Dean has oversight responsibility for numerous fire department committees. Dean lead the 1997 Accreditation team for the department that resulted in the department becoming one of the first accredited fire departments in the United States. Dean serves as a Task Force Leader for the FEMA Urban Search and Rescue Team.
- Dean is a graduate of the Southeast Community College Fire Protection Program, the National Fire Academy - Executive Fire Officer Program and holds a BA in Public Administration from Doane College.

#### **Larry Edwards**

- Larry currently serves as Deputy Chief in Emergency Services with Lincoln Fire Department. His 28 year career with the department began as a firefighter. Larry has served as a fire apparatus operator and company officer on both engine and truck apparatus. In his current capacity he is one of six duty shift Deputy Chiefs. He is responsible for the management of 7 fire stations and approximately half of the 80 on duty personnel on the 24 hour duty shift.
- As a deputy chief Larry has oversight responsibility for numerous fire department committees. Larry serves as a Lead Logistician for the FEMA Urban Search and Rescue Team.
- Larry is a graduate of the Southeast Community College Fire Protection Program, is participating in the National Fire Academy - Executive Fire Officer Program.

**CAPTAINS**

Bill Moser	Willie Ernst	Mike Clements
Richard Cuba	Dale Wojotasek	Larry Nelson
Dennis Borchers	Mike Spadt	Dennis Miller
Floyd Miller	Ron Trouba	Larry Rakow
Marty Proctor	Dustin Morton	Robert Gade
Michael Hohbein	Gregg Wiese	Dale Finke
Tim Anderson	Ron Hohbein	Tom Hinzman
Jan Robertson	Gary Kuehn	Ken Bothwell
John Hibberd	Michael West	Bill Swenson
Leroy Novak	Tom Priefert	William Moses
James George	Lee Peterson	Bob Weddington
Dwayne Novak	Julio Talero	Michael Conditt
Mark Munger	Leo Benes	Derald Murrell
Rick Grell	Randy Bohaty	George Amen
Gary Christman	Kelly Newton	Gary Leyden
Francis Tomcak	Hal Kennedy	Darrell London
Tim Sherwood	Bret Davis	Richard Pickel
Bruce Sellon	Bruce Elsberry	Pat Borer
Jerry Gettman	John Arnold	

**F.A.O.'s**

Richard Dillon	Jeff Gottbreht	Mark Linke
Kevin Barry	Dan Harlan	Ron Hassebroek
Bill Hershberger	Rob Adams	Terry Bouma
Barry Knopik	Paul Thege	Richard Newell
Jon Enevoldsen	Ronald Wolf	Richard A. Klein
John Ware	Thomas Mann	Ron Carlson
Dwayne Koranda	Arnold Jensen	Kent Kobza
Bob Cunningham	Richard L. Klein	John Olig
Marty Remmenga	Dennis Klein	Craig Cheney
John Schmidt	Dolyn Meinke	Stewart Shepard
Roger Dondlinger	Dave Friedeman	Dan McIntosh
John Bills	Douglas Dow	Richard Paulsen
Dan Piersol	Dennis Bohlken	John Lemke
Dan Bare	Richard Jones	Rick Zechmann
Arthur Kavan	Charles Province	Kevin McCoy
Ken Hilger	Terry Houchen	Mark Gronewold
Charles Hansen	Robert Reynolds	Ralph McGuire
Scott Renken	Doug Anderson	Gary Gauchat
Larry Scranton	Mike Kolb	Charles Struble
Darrell Cox	Glen Kempf	Kenneth Payne
Don Williams	Robert McKay	Bruce Worth
Jeff Grasmick	Dennis Kruse	Scott Thompson
Kenneth Lintz		Greg Contreras

**FIREFIGHTER/  
PARAMEDICS**

Scott Wiebe	Jason Ortman	Dan Jones
Rick Campos	Chris Jones	Eric Jones
John Weyers	Dan Winkenwerder	Damon Robbins
Rick Schneider	Jon Patton	Scott Williamson
Dustin Witherspoon	Matt Vonderfecht	Dennis Clark
Scott Bastin	Dean Delany	Jeff Hatcher
Jeff Leaf	Aaron Drake	Scott Dull
Roger Bonin	Craig Clark	Gregg Kasson
Mickey Roscoe	Maggie Alberts	Debbie Lefferts
Frank Martinez	Jeanne Pashalek	James Bopp
Guy Pinkman	Carolyn Magor	Gregg Fisher
Mark Darrington	Todd Gilkison	Peter Eppens
Jarrett Johnson	William Yindrick	Scott Nydahl
Daryl Hartley	Steve Novak	John Warner
David Lorenzen	Carol Weigand	Michael Meyer
Dave Engler	James Riley	

**FIREFIGHTERS**

Hien Nguyen	Tod Allen	Rita Makovicka
Mike Moss	Eldon Mannschreck	Shawn Podraza
Dan King	Mike Wright	Ken Gaughran
Curt Faust	Mike Schmidt	Jayson Layton
Neil Bell	Kyle McCown	Joseph Millard
Gary Worster	William Prabulos	Albert Maxey
Sterling Gray	Kevin Johnson	Mike Mayfield
Dan Krause	Kevin Searle	Randy Case
Dan Harms	Kent Studnicka	Dennis Bowers
Troy Boothe	Chad Roof	Mark Heithoff
Dave Allison	Brad Luedke	Matt Dowell
Kris Draper	Michael Green	Troy Kash-Brown
William Fowler	Bob Borer	John Christen
David Backhus	Larry Rayburn	Mike Love
Dave Luedtke	Alan Bruns	Jerry Hesser
Art Longoria	Tod Sehert	Dave West
Mike Novak	Ron Nunan	Steve Dolezal
Mark Eberspacher	Bob Watton	Mike Smith
Jason Schmale	Mike Schmidt	Shawn Mahler
Jeff Meinke	Jeremy Housek	Marianne Holgate
Dawn Clements	Jeff Topil	Mike Stroud
Denise Dickinson	Byron Yung	Mark Majors
Steve Saathoff	Alan Hoback	Annette Woerher
Tracy Spivey	Guy Jones	Brad Moslander
Tony Chapp	Jay Adams	Andrew Garivay
Ken Hilger	Jennifer Lloyd	Nick Thill

**1997 LINCOLN FIRE DEPARTMENT RETIREE'S 1/1/97 - 12/31/97**

Marvin Bauers	Robert Johnson	Rod Phelps
Dean Biles	Richard Kuenning	Herbert Pickard
Ernest Covert	Wayne McFarland	Raymond Showalter
Willie Elias	Thomas Olson	Eugene Smith
Ormond Plautz		

# Award Recipients

<u>NAME</u>	<u>AWARD RECEIVED</u>	<u>REASON</u>	<u>DATE</u>
Byron Yung	Medal of Valor	House Fire Rescue	October 17, 1997
Todd Allen	Medal of Valor	House Fire Rescue	October 17, 1997
Dean Staberg	Award of Merit	Accreditation Project	December, 1997
Scott Thompson	Officer of the Year	Capitol City Footprint Assoc.	November 22, 1997
Jerry Greenfield	Certificate of Recognition	Accreditation Project	July, 1997
Larry Edwards	Certificate of Recognition	Accreditation Project	July, 1997
John Huff	Certificate of Recognition	Accreditation Project	July, 1997
Bill Madison	Certificate of Recognition	Accreditation Project	July, 1997
Dan Wright	Certificate of Recognition	Accreditation Project	July, 1997
Dustin Morton	Certificate of Recognition	Accreditation Project	July, 1997
Charles Schweitzer	Certificate of Recognition	Accreditation Project	July, 1997
Maggie Alberts	Certificate of Recognition	Accreditation Project	July, 1997
Scott Thompson	Certificate of Recognition	Accreditation Project	July, 1997
Terry Biggerstaff	Certificate of Recognition	Accreditation Project	July, 1997
Donna Gustafson	Certificate of Recognition	Accreditation Project	July, 1997
Bruce Sellon	Certificate of Recognition	Accreditation Project	July, 1997
Julio Talero	Certificate of Recognition	Accreditation Project	July, 1997
Sandra Yost	Certificate of Recognition	Accreditation Project	July, 1997
Kim Kabourek	Certificate of Recognition	Accreditation Project	July, 1997
Shelly Manning	Certificate of Recognition	Accreditation Project	July, 1997
Jerry Greenfield	FF of The Year Award	Legion Club	May 13, 1997
Richard L. Klein	Person In Blue Award	Ins. Women of Lincoln	May 20, 1997
Bob Cunningham	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
Eric Jones	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
John Lemke	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
Dave Luedtke	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
Guy Pinkman	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
Bill Swenson	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
Mark Darrington	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
Larry Edwards	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
Dave Engler	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
Dean Staberg	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
Gregg Wiese	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
Dennis Bowers	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
Randy Case	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
Matt Dowell	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
Scott Thompson	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
John Warner	Outstanding Service Award	Basic Aid Training (BAT)	April 11, 1997
Randy Bohaty	Medal of Valor	House Fire-2621 N. 43(1994)	February 1, 1997
Caroline Magor	Medal Of Valor	House Fire- 2621 N. 43(1994)	February 1, 1997
Rick Klein	Certificate of Commendation	Serve Peer Review Committee	February 1, 1997
Larry Scranton	Certificate of Commendation	Serve Peer Review Committee	February 1, 1997
Gary Gauchat	Certificate of Commendation	Serve Peer Review Committee	February 1, 1997
Bill Moser	Certificate of Excellence	6,000 Points - 95/96 Year	February 7, 1997
Derald Murrell	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Mark Heithoff	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Stewart Shepard	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Bill Swenson	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Ken Bothwell	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Damon Robbins	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997

Kent Kobza	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Tom Hinzman	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Michael Meyer	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Dennis Miller	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Dean Staberg	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Rita Makovicka	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Mike Stroud	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Shawn Podraza	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Deb Lefferts	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Pat Borer	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Mike Wright	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Ron Trouba	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Mike Kolb	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Chuck Province	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Doug Dow	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Jay Adams	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Maggie Alberts	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Carolyn Magor	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Robert King	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Mike Ersch	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Mark Munger	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Mark Gronewold	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Bruce Sellon	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Jim Georger	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Gary Worster	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Guy Pinkman	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Jeff Grasmick	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997
Mike Hohbein	Certificate of Excellence	1,000 Points - 95/96 Year	February 7, 1997

# Emergency Services Division

## **FIRE SUPPRESSION**

Emergencies are responded to from 14 fire stations located throughout our city of 209,192 citizens in an area of 69.73 square miles. The 14 Engine and 4 Ladder apparatus are staffed by a Captain, Fire Apparatus Driver, one Firefighter, and one Firefighter/Paramedic (Engines Only). The city is divided into 92 fire response zones with an average response time to emergencies of 3.23 minutes from the time of dispatch. District Two covers the west half and District Three covers the east half of the city.

A total of 589 fires caused a fire loss of \$ 3,904,280.00 which is 101 fewer fires than in 1996. The Department responded to 983 Hazardous Conditions incidents in 1997, this increased by 388 from 1996.

A comparison Summary of Activity, 1994-1997, is included in the Appendix covering Fires, Emergency Medicals, Hazardous Conditions, Public Services Assist, and False Calls. Additional summaries cover Total Fire Loss, Fire Fatalities/Injuries, and Response Times.

## **MEDIA ALERT PROGRAM**

The Media Alert Program allows the notification of the news media when the Lincoln Fire Department is involved in a working fire or serious emergency. Two fire stations are designated the responsibility to call the news media's prearranged phone numbers. The program develops a good relationship between the media and fire department, allowing the public to learn quickly of emergency situations and areas to avoid due to emergency vehicles blocking streets. The quick notification allows media reports to respond and give on-scene news reports.

## **HAZARDOUS MATERIAL TEAM**

The Haz/Mat Team is comprised of personnel on each shift assigned to Engine 2, Engine 9, and Engine 14. The Haz-Mat 14 vehicle is equipped with special protective clothing and gear, equipment, tools, containers, reference materials, and communications equipment.

With more and more hazardous materials being manufactured, transported, and stored in and around Lincoln, it is necessary to have Lincoln firefighters trained in dealing with incidents that involve hazardous materials. Haz/Mat Team members have completed advanced Haz/Mat training. All LFD personnel complete training in basic recognition and identification of Haz/Mat, and Operating Level.

Haz-Mat 14 from Station 14 will respond with Engine 2 to all incidents on the west side of the city and with Engine 9 on the east side. Haz-Mat 14 will also respond to certain businesses and complexes with known supplies of hazardous materials. LFD has a mutual aid agreement with 21 area fire departments, and if any of these departments have a Haz/Mat incident, Haz-Mat 14 will respond in an advisory capacity.

To keep abreast of all the different types of incidents and different methods of mitigating them, the Haz/Mat members are involved in a continuous training program including tank car classes at Pueblo, Colorado; Haz/Mat detection classes put on by the EPA; chemistry of Haz/Mat at the National Fire Academy; and Computer Aided Management of Emergency Operations (CAMEO). A new PC was installed on Haz-Mat 14 for the DOS based CAMEO data system with a back-up system in Station 14. Members also participate in monthly drills to maintain skills necessary to Haz/Mat incident operations.

**AIRCRAFT RESCUE FIREFIGHTING ARFF**

The Lincoln Fire Department provides fire protection at the Lincoln Airport in cooperation with the Lincoln Airport Authority. The Department provides personnel and training, while the Airport Authority provides the Crash Rescue Apparatus and the fire station building.

A Fire Apparatus Operator is assigned full time to the airport, with Engine 11 providing backup personnel and covering the Airpark businesses and residential area with fire protection and emergency medical response.

Six firefighters assigned to operate the Crash Rescue Apparatus attended a live fire drill in the Dallas, Texas, to meet FAA requirements.

During the year personnel responsible for Aircraft emergencies completed an FAA mandated 30 hour ARFF training program covering Federal Aviation Association standards. Information included:

The Incident Command System	Aircraft Accidents
FAA Updates	Aviation Hazardous Materials Problems
Strategy and Tactics for Aircraft Incidents	Airport Familiarization
Flammable Liquid Suppression Agents	Airport Security and Operations
Critical Incident Stress	SCBA use with Aircraft Silvers Gear
Disease Control at Aircraft Disasters	NE Army Guard Helicopter Rescue



## **LINCOLN FIRE DEPARTMENT DIVE-RESCUE TEAM**

Ten lakes lie within the city limits providing a wide range of boating, fishing, and camping activities and an additional 22 with the county. Numerous streams and creeks cross the city. With water sports on the rise, these facilities are being stretched beyond their limits. Increased use of area lakes has dramatically increased the potential for water-related accidents and drownings. The need for a well-trained and equipped underwater rescue team is apparent. The Lincoln Fire Department Dive-Rescue Team serves the Lancaster County area and is ready to respond to any water-related incident in a timely and professional manner.

The Lincoln Fire Department Dive-Rescue Team has responded to a variety of rescue and recovery incidents within our jurisdiction. Some unique incidents have included the underwater recovery of weapons used during the commission of crimes, and the recovery of other items concealed in large bodies of water.

The on-duty Dive-Rescue Team consists of five divers. Training is scheduled on a monthly basis. All Dive-Rescue Scuba certifications are conducted by the Team Leader who is an Advanced Open Water Instructor through Scuba Schools International. New team members go through an intensive training program that includes five indoor pool sessions and five open water dives. After successfully completing the water/classroom training and the written test, they are certified as Open Water Scuba Divers.

The Dive-Rescue Team consists of 15 firefighters, five per shift, who are certified Scuba Divers, and a number of shore personnel who assist at the scene. Each team member is supplied with basic equipment including: wetsuit, mask, fins, snorkel, boots, gloves, and weight belt. The team has six stabilizing jackets, 12 air bottles, a portable compressor, various ropes and equipment. Team members can operate from the shore or dive rescue boat.

# Emergency Medical Division

## EMERGENCY MEDICAL ACTIVITIES

Numbers of responses to medical emergencies continued to grow in 1997. Lincoln's firefighter/paramedics responded to 9,384 medical incidents during 1997, this was 640 more responses than in 1996.

A paramedic engine company now responds to all 911 requests for medical assistance within the city. Medical protocols have been revised to allow more rapid treatments for patients prior to contacting medical control. Fire department paramedics accompany all critical patients to the emergency department.

The never-ending process of medical training for all firefighters continues and even grew in 1997. In addition to the semi-annual recertification for all firefighters on the Automatic External Defibrillators (AED's) - each LFD crew, engines and trucks are equipped with AED's, monthly training and medical recertification requirements are conducted at each fire station with on-duty crews. Instruction is provided through the Lincoln Medical Education Foundation by experts from Lincoln's hospitals and other local agencies.

Monthly EMS videos for all EMT's and paramedics continued in 1997. Paramedics also complete monthly in-station training exams and recertify as Advanced Cardiac Life Support (ACLS) providers every other year. All firefighters also participate in monthly chart review sessions with the Medical Director. Each engine rotates through this training several times a year and some come on their off-duty time to participate.

New suction units, nasopharyngeal airways, intraosseous infusions and several new advanced life support drugs were added to our pre-hospital medical treatment capabilities in 1997. In addition to the standard ALS drugs, IV equipment and EKG monitors, Lincoln's paramedic engines also carry pulse oximeters, glucometers, digital thermoscan thermometers and will soon be adding external cardiac pacemakers.



## **SPECIAL ACTIVITIES**

The EMS Division participated in several training events in 1997 including: Incident Command training for all LFD crews including a multiple casualty EMS drill; Haz/Mat training for paramedics at the National Fire Academy; a terrorist drill at the Lincoln Airport, and attendance by one paramedic at the National Fire Academy's new terrorist awareness course.

Medical crews were the backbone of a joint Red Cross project to provide basic first aid training to Lincoln's 4000 fourth grade students. Serving as instructors Lincoln Fire Department EMT's and paramedics tutored the kids during four hours of training at the Southeast Community College.

Lincoln paramedics participated in several EMS Week activities and two media day awareness programs in the city. Our medi\*bike paramedics were on hand for the annual Fourth of July Celebration at Holmes Lake and the city sponsored holiday Star City Parade downtown.

The department's automobile extrication capabilities were exhibited this year as LFD engine and truck crews extricated a simulated accident victim from an overturned vehicle. The demonstration was provided for a group of 23 Asian medical school students visiting the United States. Another "staged accident" was conducted on the University of Nebraska - Lincoln Campus using monologed patients to support awareness for the dangers of driving while intoxicated.

EMS personnel from the fire department participated in the State EMS Conference in Kearney, Nebraska in July 1997. LFD was also represented on the statewide NARSIS Task Force to review methods for accumulating EMS data and the Nebraska EMS for Children (EMSC) Committee.

Paramedics provided displays at the fall "Learn Not to Burn" Day county-wide event this year and at two health fair events at Pershing Auditorium sponsored by the Lancaster County Health Department.

# 1997

## Year in Review

January	No Major Incidents
February	No Major Incidents
March	No Major Incidents
April	A partially constructed 42-unit apartment complex near 14th & Superior Streets was destroyed in a three-alarm fire on April 28th, 1997. The structure and contents were valued at \$700,000. Flames could be seen more than 40 blocks away. The exteriors of three nearby buildings were damaged by the intense heat. Several pieces of construction equipment were also damaged or destroyed by the flames.
May	The Nebraska Recycling Center at 4th & "J" Streets was destroyed by a late afternoon blaze on May 30th, 1997. The building and content loss was estimated to be \$250,000. A propane cutting torch ignited packing material causing the two-alarm fire.
June	A late night blaze caused heavy smoke, heat and flame damage to the Imperial Palace restaurant at 27th & Holdredge Streets on June 29th, 1997. The loss was estimated at \$300,000. Damage was confined to the interior of the building. The fire occurred when grease behind the filters in the range hood ignited.
July	<p>A nearly complete eight-unit apartment complex was destroyed in a late afternoon blaze at 1st &amp; Fairfield Streets. The building was valued at \$250,000. The two-alarm fire occurred when workers using a propane torch accidentally ignited sound board material. Fire investigators estimate that the material smoldered for 40 minutes before bursting into flames.</p> <p>A Level III hazardous materials incident occurred when an ammonia cylinder began leaking. Fifty employees were evacuated from a downtown building in the two alarm response. Four firefighters were treated at a local hospital for exposure to ammonia fumes.</p>
August	A two story home at 3440 Franklin Street was destroyed in a late night fire started by an unattended candle in the garage. Because of the narrow street only one fire engine was able to get close to the house. The other units had to park on nearby streets and run hoses through back yards in order to fight the fire. Damage was estimated at \$195,000.

September	No major incidents.
October	On October 25th, 1997 Lincoln received 13 inches of snow and ice. The heavy, wet snow caused many power lines, trees and branches to break. As a result of this early winter storm the Lincoln Fire Department responded to 624 calls in a 48-hour period. Almost 70% of the calls involved downed power lines.
November	The business office and garage of Midwest Refuse located at 1935 Yolande was severely damaged in a two alarm fire. The loss is estimated at \$130,000.00. Fire inspectors believe that an electrical malfunction in one of the refuse trucks caused the blaze.
December	No major incidents.

# Fire Inspection Programs

The Inspection Program includes four areas which give the Lincoln Fire Department an opportunity to impress upon the public the need for Fire Prevention and the Department's active participation in preventing loss before it occurs. When fire hazards are located and corrected, the public benefits by the reduction of fire losses; reduction of fire deaths and injuries; and by educating the community to create a fire conscious working environment. The four areas are:

1. Business Inspections
2. Apartment Inspections
3. Information for Tactical Operations (IFTO)
4. Hazardous Material Inspections

## **BUSINESS INSPECTIONS**

The Inspection Program requires an organized schedule of year round preparation, inspecting, and compiling reports. The Systems Coordinator supervises two firefighters who print and distribute the inspection forms to fire companies, and collect the forms for redistribution of violations to the Fire Prevention Bureau, sprinkler information to the Water Committee, and Hazardous Material information to the Haz/Mat Team at Station #14.

Over 4,341 businesses are inspected annually from April to September to identify and correct Fire Code violations. Included businesses are retail stores, offices, gasoline service stations, automobile repair garages, restaurants, and other commercial businesses. Familiarization inspections are conducted at restaurants and bars, hotels, motels, movie theaters, child care centers, schools, and state property. A working relationship between the Fire Department and businesses reduces fire losses, removes fire hazards, and minimizes economic loss to the community from a fire.

## **APARTMENT INSPECTIONS**

Fire Companies inspected 988 apartment buildings in 1997 by checking hallways, alarm systems, storage areas, furnace rooms, fire extinguisher, and other fire code requirements. A Priority Check list and the computer inspection form lists hazards to check for and previous corrections by the tenants or landlord. Information is obtained for fire protection systems, location of alarm panels, sprinkler hookups, and shutoff for protection system. Apartment inspections are conducted from June through August and each fire company is assigned the responsibility for designated apartment buildings within their respective districts.

## **INFORMATION FOR TACTICAL OPERATIONS (IFTO)**

The purpose for IFTO inspections is to identify specific information pertaining to a particular occupancy, which will better prepare the Fire Department for an incident at that location. Each fire company is required to complete one new IFTO and update one existing IFTO per year as coordinated by their Deputy Chief. Inspections can include private/public schools, universities, colleges, hospitals, nursing homes, churches, public building, (city, county, federal), and selected commercial business complexes.

Site plans are prepared for entry into the Master File, with copies to each Deputy Chief car and the Hazardous Materials Vehicle. Each fire station is issued a map book of IFTO site plans for training and review. A plot plan indicated bordering streets, hydrant locations, exposures and obstacles, primary and secondary access. A simple building floor plan includes overall building dimensions, major door, window, vent openings, and the location of fuel shut offs, PIVs (Post Indicator Valves) vertical standpipes, indicator panels, stair wells, roof access, and other fire safety or prevention features.

## **HAZARDOUS MATERIAL INSPECTIONS**

During business inspections, emphasis is placed on gathering hazardous material information for each business. A Hazardous Material Information Sheet is filled out for each business having quantities of a chemical that may cause concern in an emergency incident. Each chemical is listed with concentration and/or active ingredient, quality of each chemical, four digit UN number, and hazard class of the chemical. On the back of the sheet, a quick accurate map is drawn of the business showing areas storing chemicals with each area marked to correspond with each chemical listed on the front.

Once received, the chemical lists and drawings are entered into the CAMEO Computer Program on board Haz-Mat 14. This information is valuable during any emergency operation involving the business and the building.

# Training Division

## DIVISION RESPONSIBILITIES

Training Lincoln Fire Department personnel requires many hours of involvement by the Training Division staff and fire suppression personnel. The division is staffed by a Drillmaster coordinated by the Deputy Chief of Training. The division is assisted through a variety of on-duty suppression staff trainers for fire suppression, Hazardous Materials, EMS Instruction, CPR Instructors, Technical Rescue, and other personnel who have expertise in other fields beneficial to the department.



Initial new firefighter recruit training was contracted and delivered thru a cooperative effort of Southeast Community College, the Lincoln Fire Department, and the Nebraska State Fire Marshal's Training Division. Using this concept, an instructor from SCC was able to instruct basic firefighter principles of operation using the Lincoln Fire Department Training Manual, and IFSTA Essentials of Firefighting 3rd Edition. These principles cover the primary skills necessary for the new trainees to be able to perform as an emergency service person at the scene of an incident. Some examples are the proper usage of ladders, fire hose, self-contained breathing apparatus (SCBA), the incident command system, fire behavior, hazardous materials operations level, rope rescue, computer entry, emergency medical procedures, and public fire education. Nebraska State Firefighter I Certification testing standards were met by all new recruits who participated. This certification meets or exceeds National Certification Standards.

## CONTINUOUS EDUCATION PROGRAM

Maintaining the proficiency of the staff of fire officers and firefighters is the primary goal of the Lincoln Fire Department Training Division. To this end, training conducted in 1997 consisted of teleconferences on Fire Investigation, Health Issues, Deferred Comp., Fitness, and Employee Assistance Program (EAP). Practical training continues in such programs as Driver's Certification, Foam Drills, Car Fire, Pump Drills and SCBA use. An 8 hour refresher class on Hazardous Materials for "Operations Level", Technical Rescue training on High/Low angle rescue, dive rescue, confined space, building and shoring, trench rescue, and vehicle extrication, was delivered as well as fire suppression skills.



Fire Apparatus Operator Certification and recertification is administered by the Training Division and on-duty suppression staff. All candidates must complete written and practical testing prior to operating a fire apparatus in emergency situations. Fire Apparatus Operator candidates are tested by the Training and Maintenance Division and certified.



In addition to providing the training curriculum for the Fire Department, the Deputy Chief of Training and Drillmaster are members of several different committees such as the Lancaster County Mutual Aid, Safety, Training, Wellness, Video, and the Continuing Education Committees.

## **TRAINING PROGRAM EXCHANGE**

The Continuing Education Committee has been active throughout 1997. Goals are focused towards establishing educational enhancements for the Lincoln Fire Department members. An effort has been made in cooperation with fire administration to promote and encourage Lincoln firefighters to enter the application process for a variety of courses at the National Fire Academy. The Continuing Education Committee efforts have had an impact on increasing the number of applications and acceptance of fire personnel into the National Fire Academy.

An active role within the National Fire Academy Region VII T.R.A.D.E. (Training Resources and Data Exchange) conference by the Continuing Education Committee has been maintained. Lincoln Fire has asked for and received information on safety and training from several T.R.A.D.E. members.

# Maintenance Division

The Maintenance Division is responsible for a continuous preventive maintenance program for 43 vehicles to ensure economical and efficient operation. Emergency vehicles include 14 Engine Companies, 4 Aerial Pumper Companies, 1 Brush Rig, 1 Hazardous Materials Van, 1 Mobile Compressor Unit, 1 Technical Search and Rescue Unit, Command Post, and 1 Mobile Air Unit. The Department has 3 reserve Engine Companies and 1 reserve Aerial Pumper Company and 15 support vehicles.

In 1997, all fire apparatus met the National Fire Protection Association(N.F.P.A.) Standards. Preventive maintenance checks for all engine and ladder truck companies are completed every 1,000 miles and other command and support vehicles at 2,000 mile intervals.

The annual D.O.T. Inspection Program of all emergency apparatus assured 100% compliance with the NTSB recommendations for periodic vehicle safety inspections. The Maintenance Chief tests and certifies practical skills for Drivers/Relief Drivers seeking Fire Apparatus Operators openings after personnel have passed the Training Division written test.

The Maintenance Division participates with Fire Administration in the development of fire apparatus specifications for a new engine company pumpers.

Shop personnel provide 24 hours emergency on-call service for all Fire Department apparatus equipment. Each Wednesday a general survey of the apparatus and its equipment is performed by the Fire Apparatus Operator assigned, and daily checks insure mechanical operation of each apparatus. Proper maintenance is the responsibility of all firefighters to keep all equipment in working condition for emergency operations.

Each January and June complete equipment inventories are taken by each apparatus. Each piece of equipment is given an identification number for recording location of all equipment the Lincoln Fire Department is responsible for. In 1994 an Equipment Management Program was brought on line and was continuously used throughout 1997. This system is designed for the reporting of repairs needed to equipment and apparatus, as well as tracking of repair costs, labor time, maintenance history, preventive maintenance scheduling and operating costs analysis for future budgeting.

# VEHICLE FLEET

<u>VEHICLE</u>	<u>TYPE</u>	<u>STATION</u>	<u>YEAR/MAKE</u>	<u>AGE</u>
Engine 1	Pumper - 1250 GPM	1	97 E-One	1
Truck 1	75' Aerial/Pumper	1	96 E-One Century	2
Fire Car 2	Deputy Chief-Suppression	1	93 GMC Suburban	5
Truck 21*	105' Aerial/Pumper	1	90 Pierce	8
Tech/Rescue 1	Technical Rescue Vehicle	1	82 Step Van	16
F6**	Dive Rescue Team	1	81 Chevrolet Suburban	17
F7**	Utility P/U	1	76 Dodge P/U	22
F8**	Utility P/U	1	77 Ford P/U	11
F9**	Utility P/U	1	89 Ford P/U	9
Engine 2	Pumper 1250 GPM	2	95 E-One Century	3
Comp 1*	Mobile Air Compressor	2	78 Dodge P/U	20
Engine 3	Pumper 1250 GPM	3	89 Smeal	9
Engine 23*	Pumper 1000 GPM	3	78 Smeal	20
Engine 4	Pumper 1250 GPM	4	92 Ferraha	6
CP 1**	Command Post	4	73 Winnebago	25
Engine 5	Pumper 1250 GPM	5	92 Central States	6
Truck 5	75' Aerial/Pumper	5	96 E-One	2
Engine 25**	Pumper 1000 GPM	5	80 Smeal	18
Brush 5**	Mini-Pumper 250 GPM	5	84 GMC	14
Engine 6	Pumper 1250 GPM	6	94 E-One Century	4
Engine 26*	Pumper 1000 GPM	6	82 Smeal	16
Engine 7	Pumper 1250 GPM	7	96 E-One	2
Truck 7	75' Aerial/Pumper	7	96 E-One	2
Engine 8	Pumper 1250 GPM	8	90 Central States	8
Truck 8	105' Aerial/Pumper	8	90 Pierce	8
Engine 9	Pumper 1250 GPM	9	95 E-One Sentry	3
Fire Car 3	Deputy Chief-Suppression	9	94 Chevrolet Suburban	4
Engine 10	Pumper 1250 GPM	10	93 Central States	5
Engine 11	Pumper 1250 GPM	11	86 Smeal	14
Engine 12	Pumper 1000 GPM	12	84 FMC	14
Engine 13	Pumper 1250 GPM	13	87 Smeal	11
Engine 14	Pumper 1250 GPM	14	88 Smeal	10
Haz/Mat 14	Hazardous Materials Vehicle	14	96 E-One Century	2
Air 14	Mobile Air Cascade	14	96 Ford Step Van	2
Fire Car 1**	Fire Chief Vehicle	HQ	86 Chevrolet Suburban	12
Fire Car 4**	Deputy Chief-Administration	HQ	87 Chevrolet Suburban	11
Fire Car 13**	Deputy Chief-Training	TD	85 Chevrolet Suburban	13
Fire Car 14**	Drill Master	TD	88 Chevrolet Suburban	10
EMS 1**	Deputy Chief-EMS	HQ	95 Ford Explorer	3
F5**	Pool Car	HQ	87 Ford Crown Victoria	12
F10**	Pool Car	HQ	89 Chevrolet Celebrity	9
Shop 1**	Van	Shop	85 3/4 ton Van	13
Rescue 1**	Mini Pumper 250 GPM	11	84 GMC	14

\* Reserve Vehicle

\*\* Support Vehicle

# Community Fire Education

The Lincoln Fire Department is committed to providing fire safety education to citizens in a variety of programs reaching all age groups, living and working settings, and educational units. Coordinating the program requires the commitment of our Government leaders, Fire Administration, Firefighters, community leaders, civic groups, schools and businesses.

## **OPERATIONS CENTER**

Section leaders coordinate delivery of fire safety programs and design educational programs for presenting to special or targeted community groups such as civic groups, churches, homes or schools. Large programs require months of preparation, printing of program materials, and setting up the logistics to operate a successful event or education program.



## **ANNUAL EVENTS**

The Fire Department organizes seven events for large group presentations each year in a structured environment; Sesame Street Day, Fire Department Day at the Zoo, Fire Prevention Week, Media Day, Home Builders Show, City Wide Fire Drill, and Learn Not To Burn Day.

## **SESAME STREET DAY**

In 1997, preschool children were invited to learn fire safety with "Sesame Street Live" characters. Special stations teach Stop, Drop and Roll, Window/Door exit practices, and Match Safety.

## **POSTER CONTEST**

In September, 4th grade students are given a poster contest entry sheet to draw a fire safety message they have learned from the "Learn Not To Burn", behaviors in school or at fire department programs. Over 3,500 children participate and a winner is selected for each school. During Fire Prevention Week the winning posters are displayed at East Park shopping center, Chief Merwick and Mayor Johannis select a Grand Winner poster. The winning poster is placed on a billboard in Lincoln.

## **PROJECT L.I.F.E.**

Local Involvement in Fire Education (L.I.F.E.) is a preschool program that began in 1988. Preschools and elementary schools are involved, with over 750 children learning behaviors as *"Hot and Cold"*, *"Get Low and Go"*, and *"Stop, Drop, and Roll"*. The lessons are based on the child's five senses and natural curiosity to learn.

## **FIRE DEPARTMENT DAY AT THE ZOO**

The events begin with a one mile Fun Run for 500 to 700 elementary children and their parents through Antelope Park, Beeper the Clown starts the race driving his Engine 1/2, and is quickly passed by the young runners. Everyone is invited to visit the Zoo and Zooville Square where fire safety learning stations are set up. The Department appreciates the Children's Zoo participating and the event brings a large crowd out on a late May Saturday.



## **1997 FIRE PREVENTION WEEK ACTIVITIES**

National Fire Prevention Week is in October, and the Lincoln Fire Department takes an active role in this annual event. Fire safety messages are the theme for the week with a number of activities planned throughout the city to help educate the community on fire safety.

Many Lincoln elementary and preschools scheduled the Lincoln Fire Department to represent fire safety education programs. All fourth grade classes in the city participate in a "Learn Not To Burn Poster Coloring Contest." Winners are picked from each elementary school and the grand prize winner has their poster made into a billboard and displayed in Lincoln. In addition, all fire stations give tours of their stations, and fire rigs visit schools displaying their specialized equipment.

Also in October Lincoln Fire Department representatives challenge everyone to "Check your Detector for Life" and join in by practicing their your home fire escape plan in our annual City Wide Fire Drill. The pre-taped broadcast shows a family going over their home escape plan with a Lincoln Fire Department representative. It also shows the whole family participating in a home fire drill, checking their smoke detector and going to their meeting place.

Lincoln consistently is below the national average for fire loss and fatalities of comparable size cities. This is largely due to the year round effort by the Lincoln Fire Department to educate the citizens and their commitment to saving lives through education, quick responses to emergencies, and increased inspections of businesses in our community.

## **LEARN NOT TO BURN PROGRAM**



Each elementary school is assigned an Engine or Truck Company as a resource for fire safety advice and information on 25 key fire safety behaviors. The behaviors teach children to react in a calm and proper way to fire emergencies, and will be remembered as adults. Public and private schools participate in the program.

## **LEARN NOT TO BURN DAY**

Learn Not To Burn Day is a highly publicized event and a highlight of Fire Prevention Week. The unique and very important factor about LNTB Day is that we are able to provide educational messages about fire and life safety as well as hands-on activities. This event is held at the beginning of Fire Prevention Week in October. Lincoln Fire Department works with several rural fire departments from the Mutual Aid Association to present fire safety messages to City and County citizens. As this program continues to improve and expand each year, so will the quality and quantity of public fire safety messages that are presented to our citizens.

The 14th Annual "Learn Not To Burn Day" was held at the State Fair Grounds 1997 and was very well received. An enthusiastic 1,200 families enjoyed the four hour event. Some of the events and learning stations offered during the event are listed below.

- ▶ A Rescue Alarm - This included the arrival of the Star Care V rescue helicopter. The simulation concluded with the patient being transported by Star Care V.
- ▶ Lincoln Fire Department simulated High Angle Rescue by repelling off of a building.
- ▶ The Waverly Fire Department demonstrated a car fire.
- ▶ All departments participated in a friendly water fight to top off the days events.

## **SMOKE DETECTOR PROGRAM**

The Department continued the free smoke detector program in 1997, with smoke detectors given to families and individuals who request one. The Department's goal is to have a working smoke detector in every house in the city. The program is financed through donations from local businesses, and has helped put a dent in the 1990 estimated 12,000 Lincoln homes without a smoke detector.

## **FIREFIGHTER FOR A DAY/MEDIA DAY**

The Department invites news media representatives, city administrators, and council members to the Training Center to perform fire fighting activities such as; climbing an extended aerial ladder, using breathing apparatus in smoke house, operation of rescue tools, water hose handling, medical equipment, and first aid. By hands-on experiences, the media learns the nature and reality of firefighter and can report emergency incidents with knowledge of how the actual operations are completed.

## **LINCOLN CHILDREN'S MUSEUM**

The Fire Department continues to maintain the fire safety exhibit developed in 1990 with the help of local businesses. The 911 phone system is averaging over 2,000 calls per month by children learning how to call in a fire emergency, hearing a taped fire safety message.

Additional displays include two computers teaching fire safety through questions and answers about fire and emergency situations, a fire hydrant cut in half allowing visitors to see the inner working parts, and a television for viewing of video safety messages. A large house diagram shows how to develop their own home escape plan, with a message on the importance of smoke detectors.

## **NEIGHBORHOOD WATCH PROGRAMS**

The Fire and Police Departments combine their efforts at Neighborhood Watch meetings in discussing fire safety and crime prevention. Firefighters provide tips on smoke detectors, home exit drills, and general housekeeping to prevent fires. The cooperation between Fire, Police, and citizens exemplifies the environment Lincoln enjoys in protecting the lives and property of its people.

## **FIRE HAWK PROGRAM**

The Fire Hawk Program is coordinated through the Fire Prevention Bureau and the Juvenile Court in Lincoln for juveniles involved in starting fires. Once an evaluation is completed, the juvenile is referred to activities within the Fire Prevention Bureau (education/prevention), Fire Department (education/prevention/companionship), or community agencies (social/human/legal services). It is designed for the juvenile to identify firefighters as role models, and reduce or eliminate any repeat fire setting incidents.

## **FINGERTIPS**

This is a program in coordination with Aliant Communications. You can call 1722, Lincoln Fire Prevention and listen to a prerecorded message of Fire Prevention Tips. This year we added our public Fire Education dates to the recording in an attempt to reach more of the public.

## **LFD CLOWN PROGRAM**

The Lincoln Fire Department Clown presentations teach that fire is a "tool and not a toy" and are scheduled for performances at many preschools and daycares. The clowns participate in department special programs such as Fire Department Day at the Zoo and Fire Prevention Week's "Learn Not To Burn" Day." There are 3 clowns that present our programs, Cinders, Boots, and Snuffy. The format assists in teaching children to stop playing with matches and helps to reduce burn injuries and deaths to our smallest citizens.



## **CHILDREN'S FIRE SAFETY HOUSE**

A down-sized mobile replica of a two-story house, the Children's Fire Safety House is used to reinforce fire safety behaviors taught to children in the classroom by teachers and firefighters. This mini home on wheels is transported to area elementary children's activities and used as a practical tool to teach youngsters the skill involved in escaping and preparing for a house fire. Firefighters actually conduct fire exit drills with the children inside the Fire Safety House using electronically operated smoke detectors, a non-toxic smoke machine and red strobe lights to simulate a real house fire. Funds are raised periodically by a community wide fund drive and the donation of labor and materials by the Home Builders Association of Lincoln to keep the Fire Safety House in tip-top shape.

Firefighters begin their instruction with a brief oral presentation to the group. The presentation includes fire prevention instruction with attention given to home escape planning and smoke detector awareness.

Targeted age groups are fourth, fifth, and sixth grade elementary school children. The Fire Safety House is used to backup the National Fire Protection Associations (NFPA) "Learn Not to Burn" curriculum, Levels II and III, used in many elementary school systems throughout the United States.

## **CHANGE YOUR CLOCK/CHANGE YOUR BATTERY**

This is a National Program to educate people on the importance of changing the battery in their smoke detectors. This program works in conjunction with daylight savings time as a reminder to change your smoke detector batteries once a year. We ask the citizens to change their batteries the same time they change their clocks back in October for daylight savings time.

## **SPEAKERS BUREAU**

The Lincoln Fire Department has a pool of Firefighters that will speak at any public event or for any group, on fire education, fire extinguishment, or any fire department related topic.





## **FIREFIGHTER HOSPITAL HALLOWEEN**

The firefighters visit children in all three major hospitals in Lincoln who are unable to go trick-or-treating on Halloween. Sparky the Fire Dog assists the firefighters and hands out bags of toys to the children. Even though we are visiting the children for only a short time, it is something the children will remember for a lifetime.

## **EXCEPTIONAL PROGRAMS**

### **GO RIGHT FOR SIREN AND LIGHTS**

Every day, emergency vehicles respond to urgent calls for services from the public; yet, civilian drivers fail to yield to emergency vehicles. Emergency vehicles have two and one half times more crashes at intersections than non-emergency vehicles.

Through the "**GO RIGHT FOR SIRENS AND LIGHTS**" campaign, the Lincoln Fire Department works to reduce emergency vehicle accidents by increasing public awareness about how to respond to emergency vehicles when people encounter them while driving. Our goals are:

- Improve the response time of emergency vehicles
- Decrease the number of accidents, lost lives and injuries incurred by drivers failing to yield to emergency vehicles

The Lincoln Fire Department also utilizes handout material during station tours. Lincoln Fire Department gives teachers handouts to be passed along to the family. We need to make children aware. In sharing our experiences, we educate the children and encourage them to take this knowledge home to their parents.

### **P.O.P. - "PULL OVER PLEASE"**

This is an educational program designed to educate our community on the procedures of what to do on the approach of emergency vehicles with red light and sirens sounding. The program provides an understanding of the Nebraska Statutes that pertain to emergency vehicles. P.O.P. gives the Drivers Education students knowledge of what to do when an emergency vehicle approaches with its lights and siren operating and provides actual pictures of emergency vehicle that have been involved in accidents when responding to emergencies in our community. This program is presented to senior high school students' in Driver Education Class by the Lincoln Fire Department in an effort to educate drivers and avoid future accidents with emergency vehicles.

### **FAMILY FIRE SAFETY FESTIVAL**

The Lincoln Fire Department and the Lancaster County chapter of the Red Cross work together to educate low income families in Lincoln with children ages infant to six years. Low income families with small children are educated about fire safety in their neighborhoods or community centers in a festival like atmosphere. A kick off for these festivals is held at the Folsom Children's Zoo every year to maximize attendance and create interest in future events at the community centers. Media is a key element in promoting this program. Coalitions have been formed with several local agencies and retailers. Televised Public Safety messages were recorded and used on a national level. Radio stations do live broadcasts from the festival sites and during regular air time promoting the festival as well as giving fire safety tips on air. Flyers and posters were distributed throughout the target neighborhoods.

Here are some of the results of this program since it's inception.

<u><b>1995 Festival Results</b></u>	<u><b>1996 Festival Results</b></u>	<u><b>1997 Festival Results</b></u>
<b>1500</b> People attended kick off program at zoo.	<b>950</b> People attended kick off program at zoo.	<b>500+</b> People attended kick off program at zoo.
<b>825</b> People attended the other 6 events throughout the year.	<b>75</b> People received free smoke detectors.	<b>750</b> Informational packets were placed on doors in target areas.
<b>120</b> People received free smoke detectors.		<b>350</b> People attended Willard Community Center Festival.
		<b>200</b> People attended Woodlawn Festival.

This is a pilot program combining the resources of all agencies involved and using them in a festive atmosphere all at the same time for maximum exposure. This program is being considered for possible institution in Red Cross chapters nationally.

# Fire Loss Comparison City Surveys

1996 SURVEY						
City/State	Population	Sq Miles	*Annual Budget	Dollar Loss	Fire Deaths	Aver Resp Time
Stockton, CA	232,660	86.3	24,142,309	11,606,006	3	3:5
Riverside, CA	255,069	77.1	18,900,000	4,600,000	3	6:17
Aurora, CO	252,341	153	20,851,913	3,076,393	0	4:00
Anchorage, AK	250,505	960	28,892,680	6,500,000	3	5:20
Rochester, NY	221,594	34.0	29,252,900	N/A	7	3:66
Lexington, KY	239,942	283	23,250,770	5,336,300	2	5:00
Baton Rouge, LA	215,882	74.74	23,000,000	8,082,397	5	3:00-5:00
Akron, OH	216,882	63	32,039,449	4,957,830	1	5:00
Raleigh, NC	243,835	106	16,820,590	3,600,000	4	3:09
Hialeah, FL	204,684	20.6	14,000,000	2,340,000	0	5:06
Mobile, AL	202,581	210	20,000,000	5,750,150	3	5:06
Richmond, VI	198,267	62.5	26,000,000	5,825,000	6	4:00
Shreveport, LA	191,588	125	2,500,000	5,314,626	4	4:25
Montgomery, AL	196,363	151	15,095,559	9,432,867	6	3:05
Madison, WI	197,630	63	22,203,731	9,314,480	0	5:00
Jackson, MS	192,923	110	16,000,000	8,360,923	13	5:00-7:00
Lincoln, NE	209,192	69.93	12,397,350	3,904,280	0	3:23
Garland, TX	190,055	57	12,500,000	5,000,000	6	4:42
Des Moines, IA	193,422	79	16,000,000	6,115,661	2	3:51
Greensboro, NC	195,426	107	19,447,000	2,878,983	6	3:85
Lubbock, TX	195,367	105	14,112,000	5,024,588	3	4:00
Columbus, GA	182,828	200	13,000,000	3,000,000	6	5:00
Glendale, CA	183,321	30	19,219,676	6,243,150	9	4:00
Yonkers, NY	190,316	21.0	32,000,000	N/A	4	3:05
Spokane, WA	186,562	58	22,351,601	4,338,640	2	4:10
Little Rock, AR	175,752	110	18,322,753	15,501,277	2	3:00
Dayton, OH	172,947	56	29,400,000	4,212,312	11	NA
Tacoma, WA	179,114	60	26,000,000	NA	0	6:21
Jersey City, NJ	229,039	13.95	46,000,000	N/A	8	4:00
Huntington Beach, CA	190,751	28	16,320,281	1,860,089	0	5:00

\*Budgets -

Some department budgets include: A) Fire Suppression; B) Fire Inspection; C) Communications; and D) Capital Expenditures. Other budgets reflect only one or two categories or work less than 56 hours which explains the difference in high and low budget figures.

Response Time:

The response times are the average of medical emergencies and fire alarms.

Population Figures:

U.S. Dept. of Commerce - Census Figures

# FUTURE OF THE LINCOLN FIRE DEPARTMENT

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## 1998

The primary goal of the Lincoln Fire Department is to provide high quality cost effective service. This is done by continuing the programs that are working today to maintain the safe community we have come to know and enjoy. Future enhancement for the safety of our community are:

- Complete installation of pre-empt signals at 120 intersections in community to maintain quick response and to reduce life and property loss.
- Review residential sprinkler ordinances.
- Cooperative effort with Neighborhood Watch to install residential smoke detectors.
- Apply for continued federal funding for equipment purchases and training from Urban Search and Rescue Task Force.
- Diversity Training Programs
- Development of on-going Training Certification Programs as required by law in Confined Space/Trench Rescue, etc.
- Complete PC/File Server based information management system to replace existing mainframe system.

## 5 - YEAR COMPARISON

### SUMMARY OF ACTIVITY

#### CODE SITUATION

	1993	1994	1995	1996	1997
<b>FIRES, EXPLOSIONS</b>					
11 Commercial Fire	58	59	67	52	51
11 Residential Fire	127	119	115	109	94
12 Outside of Structure Fire	51	72	64	60	49
13 Vehicle Fire	224	212	200	205	176
14 Trees, Brush, Grass Fire	94	190	150	149	99
15 Refuse/Garbage Fire	126	85	145	94	94
16 Explosion, No Fire Ensuing	6	5	3	5	4
17 Outside Spill, Leak w/Fire	6	6	3	5	10
18 Chimney Fires	11	10	4	11	12
73 System Malfunction	435	379	459	471	425
74 Unintentional Trip	205	222	134	136	123
<b>Total Fires, Explosions</b>	<b>1,343</b>	<b>1,359</b>	<b>1,344</b>	<b>1,297</b>	<b>1,137</b>

#### EMERGENCY MEDICALS

32 Medical	5,622	5,981	6,507	7,262	7,834
39 False Call - Medical (EMS)	1,997	1,778	1,550	1,482	1,550
<b>Total Emergency Medical Calls</b>	<b>7,619</b>	<b>7,759</b>	<b>8,057</b>	<b>8,744</b>	<b>9,384</b>

#### FALSE CALLS - MISCELLANEOUS

70 False Call, Other	163	261	325	337	354
71 False Call, Malicious	108	76	67	58	78
72 Bomb Scare, No Bomb	19	24	37	68	67
Nothing Found at Location	n/a	n/a	n/a	148	215
<b>Total False Miscellaneous Calls</b>	<b>2,927</b>	<b>2,740</b>	<b>2,572</b>	<b>2,700</b>	<b>2,812</b>

	1993	1994	1995	1996	1997
<b>HAZARDOUS CONDITIONS</b>					
41 Spills, Leaks, Fuel-No Fire	192	200	410	206	190
42 Explosion Device-Bomb, No Detonation	10	11	13	6	17
43 Excessive Heat	27	17	22	32	30
44 Power Line Down	111	26	17	54	403
45 Arcing, Shorted Elec. Equipment	128	87	83	101	141
46 Aircraft Standby-No Damage	30	33	30	20	14
47 Spills, Leaks-Hazardous Chemical	50	65	59	58	72
48 Aircraft Damage/No Fire	N/A	4	1	0	1
21 Steam Rupture	7	8	4	4	2
22 Check Extinguished Fire	12	0	0	91	106
49 Rescue Alarm		4	0	13	3
<b>Total Hazardous Condition</b>	<b>567</b>	<b>455</b>	<b>639</b>	<b>585</b>	<b>983</b>

<b>PUBLIC SERVICES ASSISTS</b>					
51 Lock Out	10	19	16	27	22
52 Water Evacuation	13	13	15	39	16
55 Public Service Assist	463	504	1,443	615	572
56 Illegal Burning	18	20	42	27	33
57 Fill In, Move Up, Standby	365	362	239	9	21
61 Smoke Scare	427	436	453	436	405
62 Wrong Location	2	3	1	5	0
63 Controlled Burn-Authorized	16	14	7	11	7
64 Lightning Strike	14	14	6	9	5
65 Steam, Gas Mistaken for Smoke	37	32	30	24	26
89 Natural Disaster	10	1	0	5	3
<b>Total Public Service Assists</b>	<b>1,375</b>	<b>1,418</b>	<b>2,252</b>	<b>1,207</b>	<b>1,110</b>

<b>IN-SERVICE ACTIVITIES</b>					
ADM, EMS, Haz-Mat, Special Training	18,635	22,410	19,931	26,329	26,212
Public Education	1,241	804	696	643	532
Fire Inspections	6,232	4,624	4,607	5,914	5,329
<b>Total In-Service Activities</b>	<b>24,108</b>	<b>27,838</b>	<b>25,234</b>	<b>31,722</b>	<b>32,073</b>

<b>TOTAL DEPARTMENT ACTIVITY</b>	<b>40,230</b>	<b>39,234</b>	<b>37,955</b>	<b>45,340</b>	<b>45,401</b>
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SUMMARY OF FIRE  
FATALITIES AND INJURIES

	1993	1994	1995	1996	1997
<b>FIRE DEATHS</b>					
Civilian	1	4	1	2	0
Firefighter	0	0	0	0	0
<b>Total Fire Deaths</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>0</b>

<b>FIRE INJURIES</b>					
Civilian	23	16	13	6	21
Firefighter	10	10	19	19	14
<b>Total Fire Injuries</b>	<b>36</b>	<b>26</b>	<b>32</b>	<b>25</b>	<b>35</b>

	FIRST INTERARRIVAL RESPONSE TIME				
<b>MINUTES</b>	<b>3.20</b>	<b>3.08</b>	<b>3.10</b>	<b>3.21</b>	<b>3.23</b>

	TOTAL FIRE LOSS				
	1993	1994	1995	1996	1997
	\$3,486,646	\$1,979,970	\$9,130,926	\$3,645,963	\$3,954,832

# 1997 LINCOLN FIRE DEPARTMENT UNIT HOURLY TOTAL ACTIVITY SUMMARY

Categories	Incident Activity Hourly Totals	Number of Hours Spent on Reports & Cleanup	Total Hours
Fires, Fires False, Haz/Mat Calls	174,647.00	3,361.78	178,008.78
EMS and EMS False Calls	144,134.00	5,353.57	149,487.57
Public Service Assistance	26,172.00	964.73	27,136.73
Inspections	1,265.43		1,265.43
Training	51,230.33		51,230.33
Public Education	1,553.70		1,553.70
Company Planning Projects	<u>380.00</u>	<u></u>	<u>380.00</u>
<b>Total</b>	<b>399,382.46</b>	<b>9,680.08</b>	<b>409,062.54</b>

*Pie Charts and additional Statistical Information on the following pages.*



# Fire Department Statistical Graph Explanation

## IN SERVICE ACTIVITIES

### Training Records

- A. Fire Suppression Training
- B. EMS Continuing Education
- C. Public Education  
Presentation Training

## FIRE INSPECTIONS

- A. Businesses
- B. Apartment
- C. Target
- D. IFTO
- E. Walk Thrus
  - 1. Schools
  - 2. Churches
  - 3. Taverns
  - 4. Restaurants
  - 5. Theaters

## PUBLIC SERVICE ASSIST

Any response by any Fire Department Unit that provides a service to the public such as assisting Law Enforcement, Public Works, Welfare Checks, Assisting Handicapped or Invalids, lockouts and searches.

## HAZARDOUS CONDITIONS

Conditions that are emergency in nature but do not results in fire. Such as: Aircraft Standbys; spills or leaks of hazardous chemicals; materials or radiation. This also includes electrical emergencies where shutting off of the electrical source cancels the emergency, smoking motors, light ballasts, etc.

## FALSE CALLS

False Calls are broken down in six areas:

- A. System Malfunction - self explanatory
- B. Unintentional Trip - self explanatory
- C. Bomb Scare - no bomb involves receiving a call of a bomb and after searching determining that there was no bomb.
- D. False Call Malicious - refers to someone deliberately setting off or pulling alarm station to activate alarm.
- E. Medical - no injury includes those calls reported as medical but upon arrival, there were no injuries or no victim found or patient refuses care.
- F. False Call Other - includes responses to wrong locations, smoke reported in area, steam mistaken for smoke, or smoke scares.

## PUBLIC EDUCATION

School Demonstrations  
Puppet Shows  
Parades  
CPR Classes  
Neighborhood Watch Meetings  
Station Tours  
Speaking Presentations  
Public Demonstrations

- A. Shopping Centers
- B. Senior Centers
- C. Parks/Playgrounds

## EMERGENCY MEDICAL

Includes only calls where medical care was provided to a victim. This includes those incidents where a victim was assessed and found to be injured. Providing an assessment is providing care.